WO 2004/105340 PCT/EP2004/050889

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Claims:

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1. A method of securely initialising subscriber and security data in a mobile routing system when the subscribers are also subscribers of a radio communication network, the method comprising:

within the mobile routing system, authenticating subscribers to the mobile routing system using an authentication procedure defined for the radio communication network, collecting subscriber information from relevant nodes of the radio network, and agreeing upon keys by which further communications between the subscribers and the mobile routing system can take place; and

using said subscriber information and keys in the provision of mobility services to subscriber mobile nodes and correspondent nodes.

- 2. A method according to claim 1 and comprising transporting messages associated with said step of authenticating subscribers to the mobile routing system, between the mobile node used by a subscriber and an authentication server of the subscriber's home network, via a mobility server.
- 3. A method according to claim 2 and comprising collecting subscriber information from relevant nodes of the mobile network at the mobility server, and receiving a shared secret or secrets from the authentication server following completion of the re-run authentication procedure.
- A method according to claim 3 and comprising sending session keys, agreed
 upon during the re-run authentication procedure, from the authentication server to the mobility server.
 - 5. A method according to any one of claims 2 to 4, wherein the mobile routing system is a MobileIP based system, and the mobility server is a Home Agent.
 - 6. A method according to any one of claims 2 to 4, wherein the mobile routing system is a HIP based system and the mobility server is a Forwarding Agent.

- 7. A method according to any one of the preceding claims, wherein said authentication procedure is the Authentication and Key Agreement procedure.
- 8. A method according to any one of the preceding claims, wherein the collected subscriber information comprises one or more of the following:

the name and postal address of the subscriber;

the telephone number associated with the subscriber;

the existing Fully Qualified Domain Name for the subscriber; and

the status of any mobility services established earlier for the subscriber.

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A method of operating a mobile node for use in a mobile radio communication 9. system, the method comprising:

initiating an authentication procedure defined for the radio communication network, for the purpose of authenticating the mobile node to a mobile routing system, and conducting said procedure with an authentication server via a mobility server of the mobile routing system.

- A method of operating a mobility server of a mobile routing system, the method 10. comprising:
- relaying messages associated with an authentication procedure, between a 20 mobile node and an authentication node;

following completion of said procedure, receiving a shared secret from the authentication server, and collecting subscriber information from the authentication server and/or other network nodes; and

- using said subscriber information and keys in the provision of mobility services to subscriber mobile nodes.
- A method of operating an authentication server of a mobile radio 11. communication network, the method comprising;
- 30 conducting an authentication procedure with a mobile node via a mobility server; and

sending a shared secret resulting from said procedure to said mobility server.